

Converting Colors

YUV(65.9480, 12.3506, 5.3076)

Have a look what the booklet for
YUV(65.9480, 12.3506, 5.3076)
contains.

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Color

**YUV(65.9480, 12.3506,
5.3076)**

Conversions

Conversions Part 1

Format	Color
Hex	483A5B
RGB	72, 58, 91
RGB Percent	28%, 23%, 36%
CMY	0.7176, 0.7725, 0.6431
CMYK	0.21, 0.36, 0.00, 0.64
HSL	265°, 22%, 29%
HSV	265°, 36%, 36%
XYZ	6.0739, 5.1592, 10.5732
YIQ	65.9480, -2.2490, 13.2310

Conversions

Conversions Part 2

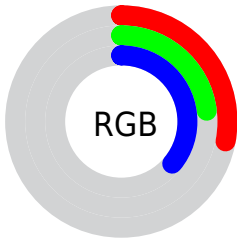
Format	Color
R_{YB}	72, 58, 91
Decimal	4733531
CIE _{Lab}	27.18, 13.76, -17.47
CIE _{LCh}	27, 22.243, 308.228
Yxy	5.1592, 0.2785, 0.2366
Android (android.graphics.Color)	4282923611 (0xFF483A5B)
YUV	65.9480, 12.3506, 5.3076
Hunter-Lab	22.7138, 7.9834, -11.6997

Details

The YUV color **65.9480, 12.3506, 5.3076** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **83.0520, -12.3506, -5.3076**, and the grayscale version is **66.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **113.8880, 13.3662, 6.2372**, and **22.5950, 11.0457, 3.8632** is the 20% darker color. If you saturate the color by 10%, you get **59.1700, 15.6922, 6.8669**, and if you desaturate by 10%, it is **72.7260, 9.0091, 3.7483**.

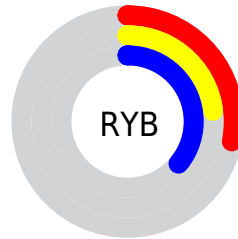
Distribution



Red (28%)

Green (23%)

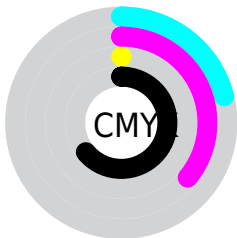
Blue (36%)



Red (28%)

Yellow (23%)

Blue (36%)

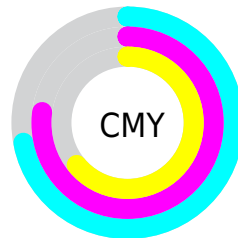


Cyan (21%)

Magenta (36%)

Yellow (0%)

Black (64%)



Cyan (72%)

Magenta (77%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 65.9480, 12.3506, 5.3076 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 65.9480, 12.3506, 5.3076 by changing the saturation by 10% instead.

■ 65.9480, 12.3506,
5.3076

■ 65.9480, 12.3506,
5.3076

■ 255.0000, 0.0000,
0.0000

■ 43.4210, 11.6244,
4.8928

■ 113.8880, 13.3662,
6.2372

■ 22.5950, 11.0457,
3.8632

■ 139.4150, 14.0924,
6.6520

■ 2.7360, 10.4832,
-2.3995

■ 166.4150, 14.0924,
6.6520

■ 0.0000, 0.0000,
0.0000

■ 192.9420, 14.8186,
7.0669

■ 221.0560, 15.2554,
6.9669

■ 245.6080, 4.6303,

8.2368

■ 65.9480, 12.3506,
5.3076

■ 65.9480, 12.3506,
5.3076

■ 59.1700, 15.6922,
6.8669

■ 72.7260, 9.0091,
3.7483

■ 52.3920, 19.0337,
8.4262

■ 79.5040, 5.6675,
2.1890

■ 45.3150, 22.5227,
9.3707

■ 86.5810, 2.1786,
1.2445

■ 38.5370, 25.8643,
10.9301

■ 93.3590, -1.1630,
-0.3148

■ 31.1720, 29.4952,
13.0042

■ 100.7240, -4.7939,
-2.3889

■ 24.3940, 32.8368,
14.5635

■ 107.5020, -8.1355,
-3.9483

■ 22.0350, 33.9997,
14.8783

■ 114.5790,
-11.6244, -4.8928

■ 121.3570,
-14.9660, -6.4521

■ 128.1350,
-18.3076, -8.0114

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



62.4940, 17.5045, -14.4652



65.9480, 12.3506, 5.3076



65.9130, 5.4659, 20.2473

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



65.9480, 12.3506, 5.3076



63.8100, -15.1893, 18.5836



50.7170, 9.0135, -44.4788

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



65.9480, 12.3506, 5.3076



83.0520, -12.3506, -5.3076

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



57.0480, -2.9817, -23.7211



65.9480, 12.3506, 5.3076



62.5050, -16.0250, 6.5731

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



65.9480, 12.3506, 5.3076



64.5320, -10.1223, 26.7204



60.2690, -11.4716, -7.2519



51.9540, 16.2917, -45.5637

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65.9480, 12.3506, 5.3076



65.8660, 0.0661, 25.5505



60.2690, -11.4716, -7.2519



51.8270, 5.5083, -40.1903

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



65.9480, 12.3506, 5.3076



107.2760, 4.7939, 2.3889



72.9150, 8.9159, -13.0805



52.8090, 3.0522, 1.0445



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.9480, 12.3506, 5.3076



78.3920, 19.0337, 8.4262



70.7320, 9.9921, 15.1440



42.1680, 1.8892, 0.7297



26.5930, 41.1197, 17.8969



57.2170, 88.6330, 38.3977

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



70.0330, 3.4347, 18.3881



84.5550, 5.1494, 28.4543



78.2680, -9.9921, -15.1440



42.8370, 0.5734, 2.7740



40.0720, 11.3035, 61.3269



86.4810, 24.9059, 132.0052

Previews

White Background



This preview shows how the YUV color 65.9480, 12.3506, 5.3076 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 65.9480, 12.3506, 5.3076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 65.9480, 12.3506, 5.3076

Background



This preview shows how black text looks on a background with the YUV color 65.9480, 12.3506, 5.3076.



This preview shows how white text looks on a background with the YUV color 65.9480, 12.3506,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

65.9480, 12.3506, 5.3076

Protanopia

63.9570, 15.3042, -8.7323

Deuteranopia

64.5720, 12.5360, -7.5176



Tritanopia

65.0650, 1.4470, 2.5740

Trichromacy



Original Color

65.9480, 12.3506, 5.3076

Protanomaly

64.7620, 14.4143, -3.2993

Deuteranomaly

65.1920, 12.2303, -2.7994

Tritanomaly

65.1020, 5.3727, 3.4185

Monochromacy



Original Color

65.9480, 12.3506, 5.3076

Achromatopsia

66.0000, 0.0000, 0.0000

Achromatomaly

65.8630, 4.5045, 1.8741

CSS Examples

Text

The CSS property to change the color of the text to YUV 65.9480, 12.3506, 5.3076 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(72, 58, 91)` looks like.

```
.text, #text, p{  
    color:rgb(72, 58, 91)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(72, 58, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 58, 91) }
```

Border

The CSS property to change the border of an element to YUV 65.9480, 12.3506, 5.3076 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(72, 58, 91) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(72, 58, 91) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(72, 58, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 58, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 58, 91);  
box-shadow:4px 4px 4px 4px rgb(72, 58, 91)  
}
```

Background

The CSS property to change the background color of an element to YUV 65.9480, 12.3506, 5.3076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 58, 91) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(72, 58,  
91) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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